

ATTORNEY DOCKET NO. 600-65-PA

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of  
Santosh SINHA et al.

Examiner: Unknown

Art Unit: 1614

Serial No.: 10/606,603

Filed: 06/26/03

For: 5-[PHENHYL,  
TETRAHYDRONAPHTHALENE-2-YL  
DIHYDRONAPHTHALENE-2-YL AND  
HETEROARYL-CYCLOPROPYL]-  
PENTADIENOIC ACID  
DERIVATIVES HAVING SERUM  
GLUCOSE REDUCING ACTIVITY

INFORMATION DISCLOSURE  
STATEMENT

Commissioner for Patents  
Washington D.C. 20231

Certificate of Express Mailing


I hereby certify that this correspondence is being deposited on 9-29-03 with  
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Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313-1450.

Toni Whyte  
Toni Whyte  
September 29, 2003  
Date

Dear Sir:

Pursuant to 37 CFR Sections 1.97 and 1.98, and in fulfillment of the duty of candor set forth in 37 CFR Section 1.56, Applicant cites the following documents listed on Form 1449, submitted herewith. Copies of the references are enclosed.

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code² (if known)			
		US-6,403,638	06/11/02	Vuligonda et al. ✓	
		US-6,147,224	11/14/00	Vuligonda et al. -	
		US-6,034,242	03/07/00	Vuligonda et al. ✓	
		US-6,048,873	04/11/00	Vasudevan et al. -	
		US-5,917,082	06/29/99	Vuligonda et al. ✓	
		US-5,675,033	10/07/97	Vuligonda et al. ✓	
		US-6,114,533	09/05/00	Vuligonda et al. ✓	
		US-4,980,369	12/25/90	Chandraratna -	



		US-5,015,658	05/14/91	Chandraratna	
		US-5,023,341	06/11/91	Chandraratna	
		US-5,455,265	10/03/95	Chandraratna	
<b>FOREIGN PATENT DOCUMENTS</b>					
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code - Number <sup>2</sup> - Kind <sup>3</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		WO 93/11755	06/24/93	Evans et al.	

<b>OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS</b>		
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
		MANGELSDORF et al. <i>The Retinoids Receptors In: The Retinoids.</i> , 1994, Pg. 319-349. Raven Press, Ltd., New York.
		DAWSON et al. <i>Chemistry and Biology of Synthetic Retinoids.</i> (1990) Pg. 324-363. CRC Press Inc.
		MUKHERJEE et al. "Sensitization of Diabetic and Obese Mice to Insulin by Retinoid X Receptor Agonists", <i>Nature</i> , 1997, pg. 407-410, vol. 386,.
		FEIGNER P.L. et al. (1989) "Cationic Liposome-Mediated Transfection" <i>Focus</i> , 1989, pg. 21-24, v.11-no. 2.
		HEYMAN et al. "9-Cis Retinoic Acid Is a High Affinity Ligand for the Retinoid X Receptor" <i>Cell</i> , 1992, vol. 68, pg. 397-406.
		ALLEGRETTO et al. "Transactivation Properties of Retinoic Acid and Retinoid X Receptors in Mammalian Cells and Yeast" <i>J. Biol. Chem.</i> , 1993, vol. 268, pg. 26625-26633.
		CHENG et al. "Relationship Between the Inhibition Constant (K <sub>I</sub> ) and the Concentration of Inhibitor which Causes 50 Per Cent Inhibition (I <sub>50</sub> ) of an Enzymatic Reaction" <i>Biolochemical Pharmacology</i> , 1973, Vol. 22, pg. 3099-3108.

### REMARKS

Submission of the foregoing document is no representation that a search was made, or if made, that it was comprehensive, or that no other documents exist which may be material to the above-identified application. Moreover, the Applicant does not concede that the foregoing document is necessarily prior art to the invention.

Date: Sept 29, 03

By: Gabor L. Szekeres

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PTO/SB/O8A (10-01)

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet

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of

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**Complete if Known**

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First Named Inventor	Santosh SINHA et al.
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		Country Code - Number <sup>3</sup> - Kind <sup>4</sup> (if known)				
		WO 93/11755	06/24/93	Evans et al.		

Examiner  
SignatureDate  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04.<sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST 3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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